

Work Order ID: 68612

Monday, April 18, 2011 2:34:37 PM

*Ship*

Page 1

Item ID: D412-783-011

Accept



Setup Start



Revision ID:

Item Name: Gross Weight Towing

Stop



Start Date: 4/18/2011 Start Qty: 2.00



Cust Item ID:

Required Date: 4/22/2011 Req'd Qty: 2.00



Customer:

Reference:

Approvals:

Process Plan: *mf*Date: *11-04-18*

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D3943

C

IIN-D412-783

A

100

0.00



DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPPD412-783-011 CHG 002

*Subouts**For BG 11-4-18*

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

Copy 1/15

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID- 68612

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Page 2

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Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120



QC

Quality Control

QC4- 100% Inspect kits for completeness

0.00

0.00

Memo

8/16/19

10

130



Packaging

Packaging

Memo

Identify and pack for shipping as per PPP D412-783-011

Location: 435

PPP Rev: _____

0.00

0.00

11/4/19

140



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

0.00

Memo

11/4/19

1104-19
(2)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, April 18, 2011 2:34:34 PM

Page 1

Work Order ID: 68612

Parent Item: D412-783-011

Parent Item Name: Gross Weight Towing

Start Date: 4/18/2011

Required Date: 4/22/2011

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A New Issue 09-06-02 JLM Verified By:EC IPP Rev:B @
chg 002 DD 10.02.22 Verified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D3943-041		Manufactured	No			110	Each	0.0000	1	2			
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Ground Handling Crank Assembly

D3951-041		Manufactured	No			110	Each	9.0000	1	2			
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Equipment Bag Assembly

Location Loc Qty Loc Code

ST460	9	
55714	5	
63742	4	

D3954-1		Manufactured	No			110	Each	13.0000	2	4			
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GWT Pin

Location Loc Qty Loc Code

ST097	4	
63741	4	
ST102	9	
55685	9	

D3954-3		Manufactured	No			110	Each	11.0000	2	4			
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GWT Knob

Location Loc Qty Loc Code

ST097	11	
55713	11	

63727

63999

55714
63742

55685

55713

JB

JB 11/04/19

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

4.0 CALIBRATION

4.1 Calibration of the D3943-041 Tow Crank Assembly

- 4.1.1 The chain ratchet handle on the D3943-041 Tow Crank Assembly must be calibrated annually to ensure the handle indicates "clicks" when a 3500 lbs – 4000 lbs load has been achieved. To calibrate loosen setscrew that locks the threaded stainless steel ball plunger (Refer to figure 2 for details). Place a load cell inline and ratchet until the 3500 lbs – 4000 lbs has been reached. If the handle clicks before the 3500lbs load then turn plunger clockwise 1/8 turn, remove load and retry. If handle does not click between the 3500lbs and 4000 lbs load, turn plunger 1/8 turn counterclockwise, remove load and retry. Once the handle has been properly set retighten setscrew and test once more.
- 4.1.2 The Tow Crank Assembly may be returned to DART for calibration, at the operator's expense.

5.0 PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	D412-783-011	GROSS WEIGHT TOWING KIT
1	D3943-041	TOW CRANK ASSEMBLY
1	D3951-041	EQUIPMENT BAG
2	D3954-1	GWT PIN
2	D3954-3	GWT KNOB